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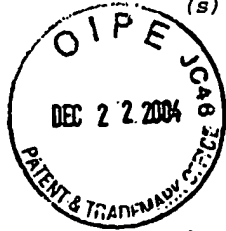
The undersigned certifies that this correspondence is being sent via Express Mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, this 22nd day of December, 2004

(s)

Linda S. Evans

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Darrow et al.

Atty Docket: ORT-1560

Serial No.: 10/041,054

Art Unit: 1652

Filed: January 7, 2002

Examiner: William W. Moore

For: DNA Encoding The Human
Serine Protease T

Confirmation No.: 3780

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attention: Issue Branch

RESPONSE TO EXAMINER'S REQUEST FOR SUBSTITUTE SEQUENCE LISTING

Sir:

The accompanying substitute Sequence Listing is being filed in response to a request by Examiner Moore made in a telephonic message to the undersigned on December 10, 2004 regarding the above-captioned allowed application, which is being prepared for issuance (the issue fee having been transmitted on October 29, 2004). Examiner Moore informed the undersigned that the sequence information set forth in the computer readable form (CRF) did not correspond with the paper version of the Sequence Listing as filed with the present application on January 7, 2002. In particular,

the Examiner informed the undersigned that the paper version of the Sequence Listing as filed is apparently incomplete insofar as it contains only nine sequences, whereas the CRF contains two additional sequences, as reflected in the parent U.S. application, Serial No. 09/386,653, now U.S. Patent No. 6,458,564.

Upon review, it is apparent that the paper version of the Sequence Listing of record in the present divisional application indeed fails to include SEQ.ID.NO.:10 and SEQ.ID.NO.:11. The undersigned appreciates the USPTO's detection of this error.

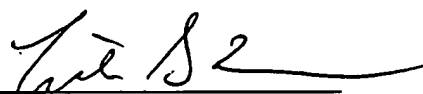
To correct the error, which the undersigned believes was made in good faith without deceptive intent, Applicant is providing herewith a substitute Sequence Listing, which contains all eleven sequences. The addition of SEQ.ID.NO.:10 and SEQ.ID.NO.:11 in the accompanying substitute Sequence Listing is supported not only by the CRF as originally filed, but also by Table 1 of the specification, which provides the amino acid sequences corresponding to SEQ. ID. NO.: 10 and SEQ.ID.NO.: 11. Thus, the substitute Sequence Listing does not include new matter.

Pursuant to 37 C.F.R. §1.825(b), a diskette containing a substitute CRF is also enclosed. The undersigned states that the enclosed CRF is the same as the substitute Sequence Listing in paper form submitted herewith. Since the substitute Sequence Listing corrects the above-noted informalities and includes no new matter, Applicant respectfully requests its entry so that the patent issuing from this application will list complete sequence information.

It is believed that no fee is due in connection with the submission of this paper. If it is determined that any fee is due, however, please charge all necessary fees to Deposit Account No. 10-0750.

Respectfully submitted,

Date: December 22, 2004


Linda S. Evans
Reg. No. 33,873

LSE/MDR

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One Johnson & Johnson Plaza
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SEQUENCE LISTING

<110> Darrow, Andrew

Qi, Jenson

Andrade-Gordon, Patricia

<120> DNA ENCODING THE HUMAN SERINE PROTEASE T

<130> ORT-1560

<140> 10/041,054

<141> 2002-01-07

<150> 09/386,653

<151> 1999-08-31

<160> 11

<170> PatentIn version 3.3

<210> 1

<211> 1110

<212> DNA

<213> Homo sapiens

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ccaggatgct gaaccgaatg gtgggcgggc aggacacgca ggaggcgag tggccctggc 180

aagtcagcat ccagcgcaac ggaagccact tctgcggggg cagcctcatc gcggagcagt 240

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<213> Homo sapiens

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35 40 45

Gln Val Ser Ile Gln Arg Asn Gly Ser His Phe Cys Gly Gly Ser Leu
50 55 60

Ile Ala Glu Gln Trp Val Leu Thr Ala Ala His Cys Phe Arg Asn Thr
65 70 75 80

Ser Glu Thr Ser Leu Tyr Gln Val Leu Leu Gly Ala Arg Gln Leu Val
85 90 95

Gln Pro Gly Pro His Ala Met Tyr Ala Arg Val Arg Gln Val Glu Ser
100 105 110

Asn Pro Leu Tyr Gln Gly Thr Ala Ser Ser Ala Asp Val Ala Leu Val
115 120 125

Glu Leu Glu Ala Pro Val Pro Phe Thr Asn Tyr Ile Leu Pro Val Cys
130 135 140

Leu Pro Asp Pro Ser Val Ile Phe Glu Thr Gly Met Asn Cys Trp Val
145 150 155 160

Thr Gly Trp Gly Ser Pro Ser Glu Glu Asp Leu Leu Pro Glu Pro Arg
165 170 175

Ile Leu Gln Lys Leu Ala Val Pro Ile Ile Asp Thr Pro Lys Cys Asn
180 185 190

Leu Leu Tyr Ser Lys Asp Thr Glu Phe Gly Tyr Gln Pro Lys Thr Ile
195 200 205

Lys Asn Asp Met Leu Cys Ala Gly Phe Glu Glu Gly Lys Lys Asp Ala
 210 215 220

Cys Lys Gly Asp Ser Gly Gly Pro Leu Val Cys Leu Val Gly Gln Ser
 225 230 235 240

Trp Leu Gln Ala Gly Val Ile Ser Trp Gly Glu Gly Cys Ala Arg Gln
 245 250 255

Asn Arg Pro Gly Val Tyr Ile Arg Val Thr Ala His His Asn Trp Ile
 260 265 270

His Arg Ile Ile Pro Lys Leu Gln Phe Gln Pro Ala Arg Leu Gly Gly
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Gln Lys
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 20 25 30

Asp Asp Asp Asp Val Asp Ala Ala Ala Leu Ala Ala Pro Phe Asp Asp
 35 40 45

Asp Asp Lys Ile Val Gly Gly Tyr Ala Leu Glu Glu Gly Glu Trp Pro
50 55 60

Trp Gln Val Ser Ile Gln Arg Asn Gly Ser His Phe Cys Gly Gly Ser
65 70 75 80

Leu Ile Ala Glu Gln Trp Val Leu Thr Ala Ala His Cys Phe Arg Asn
85 90 95

Thr Ser Glu Thr Ser Leu Tyr Gln Val Leu Leu Gly Ala Arg Gln Leu
100 105 110

Val Gln Pro Gly Pro His Ala Met Tyr Ala Arg Val Arg Gln Val Glu
115 120 125

Ser Asn Pro Leu Tyr Gln Gly Thr Ala Ser Ser Ala Asp Val Ala Leu
130 135 140

Val Glu Leu Glu Ala Pro Val Pro Phe Thr Asn Tyr Ile Leu Pro Val
145 150 155 160

Cys Leu Pro Asp Pro Ser Val Ile Phe Glu Thr Gly Met Asn Cys Trp
165 170 175

Val Thr Gly Trp Gly Ser Pro Ser Glu Glu Asp Leu Leu Pro Glu Pro
180 185 190

Arg Ile Leu Gln Lys Leu Ala Val Pro Ile Ile Asp Thr Pro Lys Cys
195 200 205

Asn Leu Leu Tyr Ser Lys Asp Thr Glu Phe Gly Tyr Gln Pro Lys Thr
210 215 220

Ile Lys Asn Asp Met Leu Cys Ala Gly Phe Glu Glu Gly Lys Lys Asp
225 230 235 240

Ala Cys Lys Gly Asp Ser Gly Gly Pro Leu Val Cys Leu Val Gly Gln
245 250 255

Ser Trp Leu Gln Ala Gly Val Ile Ser Trp Gly Glu Gly Cys Ala Arg
260 265 270

Gln Asn Arg Pro Gly Val Tyr Ile Arg Val Thr Ala His His Asn Trp
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Ile His Arg Ile Ile Pro Lys Leu Gln Phe Gln Pro Ala Arg Leu Gly
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<210> 11

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<222> (4)..(4)

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1